

CHAPTER 10 - RESTRICTED AREAS FOR HAZARDOUS WATERS AT DAMS AND OTHER CIVIL WORKS STRUCTURES

10-1. Purpose. To establish guidance on restricting areas upstream and downstream of certain project structures for public safety purposes and establishing a standard criteria for determining the extent of these restricted areas. The procedures for establishing restricted areas shall be applied at all Corps-owned locks and dams, flood control dams, multi-purpose dams, reregulation structures, and any other structures with similar hazards to boating or visitor safety.

10-2. Boundary Determination.

a. To establish the minimum area subject to restriction, determine the hydraulic line by using guidelines at Appendix AA.

b. To establish the buffer area between the hydraulic line and the final boundary of the restricted area, evaluate operational considerations by using the questionnaire at Appendix AB. The evaluation team (see Chapter 10 of ER 1130-2-520) will conduct an onsite survey in conjunction with this review.

c. The evaluation team will document its deliberations, including the calculation of the hydraulic line, the team's evaluation of operational considerations and views from other sources, if any. The approving authority will sign the boundary determination.

10-3. Implementation.

a. All projects identified in paragraph 10-2 above shall have a completed study included in the Operation Management Plan (OMP). The OMP shall address marking as well as the possible use of buoys, floats, physical barriers, audible warning devices, or other physical measures for preventing public access. The plan shall also address escape or measures for dealing with potential public entry into restricted areas' hazardous waters.

b. Physical barriers to pedestrian and boater access will be erected where practical.

c. The boundary and approaches to each restricted area shall be marked with signs in accordance with the Sign Standards Manual (EP 310-1-6a&b). Buoys, if used shall be in conformance with the Coast Guard regulations in 33 CFR 62.33 (U.S. Aids to Navigation System, Information and Regulatory Marks) or the Uniform State Waterway Marking System. The Project Sign Plan shall address the signing system used in conjunction with the restricted area. (See also EP 1130-2-520, Chapter 2.)

d. The public shall be informed of the boundaries of each restricted area. Charts and project brochures will be updated, as necessary to identify these areas. Additional public education programs are also recommended.

e. Enforcement assistance may be provided by local law enforcement agencies (if local law applies), Corps personnel (those with citation authority under 36 CFR 327), or the U.S. Coast Guard.

EP 1130-2-520
29 Nov 96

f. Signs, buoys, and other marks or physical measures shall be maintained in as good condition as practicable, given flow stages, weather conditions, and other factors affecting the hazard evaluation change substantially, the boundary determination and the Safety Appendix of the Operation Management Plan shall be reviewed and modified as necessary.

FOR THE COMMANDER:

28 APPENDIXES
See Table of Contents

A handwritten signature in black ink, appearing to read "Otis Williams". The signature is fluid and cursive, with the first name "Otis" being more prominent than the last name "Williams".

OTIS WILLIAMS
Colonel, Corps of Engineers
Chief of Staff